

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025783.D
 Acq On : 18 Sep 2025 15:07
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 18 15:39:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	171536	20.000	ng	-0.05
21) Naphthalene-d8	10.484	136	694549	20.000	ng	-0.04
39) Acenaphthene-d10	14.360	164	452778	20.000	ng	-0.02
64) Phenanthrene-d10	17.177	188	911599	20.000	ng	0.00
76) Chrysene-d12	21.636	240	931341	20.000	ng	0.00
86) Perylene-d12	25.001	264	1025795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.331	112	859668	80.864	ng	-0.05
7) Phenol-d6	6.896	99	1099365	77.801	ng	-0.05
23) Nitrobenzene-d5	8.854	82	1226987	77.926	ng	-0.05
42) 2,4,6-Tribromophenol	15.883	330	431976	76.490	ng	-0.02
45) 2-Fluorobiphenyl	12.960	172	2638985	77.606	ng	-0.03
79) Terphenyl-d14	19.913	244	3940281	76.111	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.278	88	181593	40.699	ng	100
3) Pyridine	3.672	79	483980	39.393	ng	99
4) n-Nitrosodimethylamine	3.578	42	227959	39.321	ng	98
6) Aniline	7.043	93	732273	37.751	ng	99
8) 2-Chlorophenol	7.284	128	460320	39.470	ng	100
9) Benzaldehyde	6.860	77	258709	30.546	ng	99
10) Phenol	6.919	94	575457	38.622	ng	100
11) bis(2-Chloroethyl)ether	7.137	93	469683	39.236	ng	99
12) 1,3-Dichlorobenzene	7.596	146	519573	39.144	ng	99
13) 1,4-Dichlorobenzene	7.743	146	526988	38.976	ng	98
14) 1,2-Dichlorobenzene	8.060	146	504480	38.407	ng	99
15) Benzyl Alcohol	7.949	79	434116	37.179	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.231	45	788219	40.263	ng	99
17) 2-Methylphenol	8.154	107	386445	38.469	ng	99
18) Hexachloroethane	8.778	117	203648	39.432	ng	97
19) n-Nitroso-di-n-propyla...	8.507	70	384624	39.025	ng	99
20) 3+4-Methylphenols	8.484	107	524554	37.286	ng	98
22) Acetophenone	8.525	105	714860	38.514	ng	# 99
24) Nitrobenzene	8.896	77	548605	38.839	ng	99
25) Isophorone	9.425	82	1075970	38.878	ng	100
26) 2-Nitrophenol	9.601	139	252027	40.187	ng	96
27) 2,4-Dimethylphenol	9.666	122	436146	39.642	ng	97
28) bis(2-Chloroethoxy)met...	9.896	93	642156	40.140	ng	99
29) 2,4-Dichlorophenol	10.154	162	425174	38.759	ng	100
30) 1,2,4-Trichlorobenzene	10.354	180	480865	38.896	ng	100
31) Naphthalene	10.531	128	1425984	38.076	ng	99
32) Benzoic acid	9.837	122	291361	35.619	ng	97
33) 4-Chloroaniline	10.654	127	622304	39.867	ng	100
34) Hexachlorobutadiene	10.819	225	303505	38.136	ng	98
35) Caprolactam	11.448	113	151112	35.735	ng	97
36) 4-Chloro-3-methylphenol	11.790	107	484704	37.062	ng	97
37) 2-Methylnaphthalene	12.154	142	908369	37.764	ng	99
38) 1-Methylnaphthalene	12.372	142	977241	38.098	ng	99
40) 1,2,4,5-Tetrachloroben...	12.525	216	543186	39.590	ng	100
41) Hexachlorocyclopentadiene	12.507	237	289353	38.722	ng	99
43) 2,4,6-Trichlorophenol	12.778	196	366371	40.619	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.860	196	401445	39.991	ng	97
46) 1,1'-Biphenyl	13.178	154	1339883	40.316	ng	99
47) 2-Chloronaphthalene	13.225	162	1015498	38.806	ng	98
48) 2-Nitroaniline	13.431	65	346081	39.674	ng	99
49) Acenaphthylene	14.072	152	1693990	39.069	ng	100
50) Dimethylphthalate	13.813	163	1346107	38.941	ng	100
51) 2,6-Dinitrotoluene	13.936	165	284781	38.884	ng	98
52) Acenaphthene	14.419	154	979380	39.168	ng	100
53) 3-Nitroaniline	14.272	138	303533	39.412	ng	99
54) 2,4-Dinitrophenol	14.489	184	158790	36.160	ng	95
55) Dibenzofuran	14.760	168	1554072	38.134	ng	99
56) 4-Nitrophenol	14.625	139	213309	34.842	ng	97
57) 2,4-Dinitrotoluene	14.736	165	404708	38.829	ng	98
58) Fluorene	15.436	166	1221005	37.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	346742	38.345	ng	100
60) Diethylphthalate	15.201	149	1373930	39.183	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	620345	37.984	ng	99
62) 4-Nitroaniline	15.460	138	307869	39.020	ng	98
63) Azobenzene	15.730	77	1330513	39.243	ng	100
65) 4,6-Dinitro-2-methylph...	15.525	198	242733	40.039	ng	92
66) n-Nitrosodiphenylamine	15.648	169	1120233	40.156	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	394543	39.396	ng	97
68) Hexachlorobenzene	16.466	284	429267	38.437	ng	98
69) Atrazine	16.630	200	421688	39.545	ng	98
70) Pentachlorophenol	16.830	266	282540	38.332	ng	98
71) Phenanthrene	17.225	178	1962277	37.947	ng	99
72) Anthracene	17.313	178	2055753	39.181	ng	100
73) Carbazole	17.601	167	1858424	38.099	ng	99
74) Di-n-butylphthalate	18.195	149	2373906	39.657	ng	100
75) Fluoranthene	19.324	202	2411507	38.884	ng	99
77) Benzidine	19.513	184	975580	36.365	ng	99
78) Pyrene	19.701	202	2486889	40.018	ng	99
80) Butylbenzylphthalate	20.642	149	1114880	40.916	ng	97
81) Benzo(a)anthracene	21.613	228	2405911	37.733	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	843423	38.256	ng	99
83) Chrysene	21.683	228	2326447	38.276	ng	100
84) Bis(2-ethylhexyl)phtha...	21.554	149	1615703	40.530	ng	100
85) Di-n-octyl phthalate	22.830	149	2815295	39.702	ng	100
87) Indeno(1,2,3-cd)pyrene	28.853	276	2891168	38.757	ng	# 84
88) Benzo(b)fluoranthene	23.948	252	2430230	38.741	ng	99
89) Benzo(k)fluoranthene	24.018	252	2478702	38.723	ng	100
90) Benzo(a)pyrene	24.848	252	2342002	38.124	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2382003	39.020	ng	99
92) Benzo(g,h,i)perylene	30.018	276	2320557	38.654	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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